

## Latest flow results from PHENIX at RHIC

At the Relativistic Heavy Ion Collider (RHIC), key insights into the bulk properties of the hot and dense partonic matter arise from the study of azimuthal anisotropy ( $v_2$ ) of the produced particles. The  $v_2$  values indicate that the matter undergoes rapid thermalization and behaves hydrodynamically at low  $p_T$ . Furthermore, the quark scaling of  $v_2$  for different particle species suggests that thermalization occurs at the quark level and that  $v_2$  is the same for all quark flavors. Recently a low energy scan ( $\sqrt{s_{NN}} = 62.4$  GeV) began at RHIC to search for the QGP critical point, where a change in the  $v_2$  signal from higher energies could play a key role in its identification. This talk will present the latest flow results from PHENIX and discuss their implications.